

ABSTRACT OF THE DISCLOSURE

5 A tissue sheet is made using a modified wet pressed tissue machine employing an
integrally sealed air press. The apparatus includes: a forming roll;
a drying cylinder positioned downstream of the forming roll; an air press positioned
between the forming roll and the drying cylinder; a molding fabric adjacent a first fabric
such that both fabrics travel through the air press, and wherein the air press is installed to
direct a pressurized fluid through the molding fabric first and then through the first fabric;
10 and a pressure roll adjacent the drying cylinder for pressing the molding fabric against the
drying cylinder.